AUTHOR INDEX

Acquino, A. L.	159	Hellier, E. J.	693
Adapathya, R. S.	629	Hendy, K. C.	579
Adelman, L.	243	Hissong, A. A.	159
Agnew, J.	731	Hohnsbein, J.	501
Airth, D.	283	Holley, P. J.	3
Andres, R. O.	283	Hsu, S.-H.	745
Begault, D. R.	361, 707	Hubbard, D. C.	653
Bennett, K. B.	71, 673	Hughes, G. J.	175
Berthelon, C.	521	Judd, K. W.	57
Brand, J. L.	57	Kancler, D. E.	629
Bresnick, T. A.	243	Kanis, H.	305
Butler, D. L.	159	Kimchi, R.	35
Caird, J. K.	413	Kirlik, A.	221
Carayon, P.	385	Klauer, K. M.	629
Catrambone, R.	397	Kleiss, J. A.	653
Chinnis, J. O., Jr.	243	Kline, D. W.	25
Ciriello, V. M.	175	Korteling, J. E.	99
Cohen, M. S.	243	Kramer, A. F.	329
Coyne, J. T.	329	Landry, L. N.	579
CuQlock-Knopp, V. G.	511	Laskey, K. B.	243
Damos, D. L.	615	Lee, M. D.	205
Davies, D. R.	3	Mateeff, S.	501
Degani, A.	345	Matthews, G.	3
Dember, W. N.	603	Mestre, D.	521
Dennis, I.	693	Meyer, D. E.	431
DiVita, J.	195	Milgram, P.	483
Dolan, N. J.	629	Mitta, D. A.	141
Edworthy, J.	693	Oh, S.	551
Eggemeier, F. T.	263	Paas, F. G. W. C.	737
Ehrenstein, W. H.	501	Peng, Y.	745
Elvers, G. C	629	Radwin, R. G.	551
Fisher, D. L.	115, 283	Raij, D.	35
Fisk, A. D.	205, 639	Rhoades, T. P.	719
Frantz, J. P.	719	Rosa, R. R.	603
Freedman, M.	535	Rubin, Y.	35
Fuchs, P.	25	Schmierer, K. A.	459
Galinsky, T. L.	603	Scott, P. A.	159
Gill, R. T.	459	Shim, M. J.	195
Gopher, D.	35	Smelcer, J. B.	431
Gordon, S. E.	459	Smith, S. S.	283
Hamilton, K. M.	579	Snook, S. H.	175
Hancock, P. A.	413	Sollenberger, R. L.	483

Staplin, L. 535
Strayer, D. L. 329
Suruda, A. J. 731
Toms, M. L. 71
Van Orden, K. F. 195
Van Merriënboer, J. J. G. 737
Walker, N. 397, 431
Warm, J. S. 603
Wenzel, E. M. 361
Whaley, C. J. 639
Whitaker, L. A. 511
Wiener, E. L. 345
Wierwille, W. W. 263
Woods, D. D. 71
Yakimoff, N. 501
Zador, P. 535

SUBJECT INDEX

Accessibility 115
Accidents 345
Acuity 25
Age 99, 731
Aggregation bias 397
Aging 25, 99
Aircrew selection 615
Alarms 693
Analytic hierarchy process 141
Animation 673
Apparent motion 673
Arthritis 305
Attention 3, 35, 99, 205, 603, 639
Auditory
  displays 361, 707
  localization 361, 707
  warnings 693
Automaticity 205, 329
Automation 221
Automobile window glass 535
Aviation 345
Binocular
  disparity 483
  viewing 35
Brightness 195
Car driving 521
Carpal tunnel syndrome 283
Carrying 175
Checklist 345
Chromatic contrast 673
Cockpit checklists 345
Cognition 329
Cognitive
  engineering 71, 243
  function 329
  predictors 3
Coherence 99
Color table animation 673
Compatibility 99, 745
Compensatory tracking 99
Complexity 159
Computer-generated imagery 653
Conceptual graphs 459
Configurable displays 71
Confounding variable 745
Consistency 205
Consumer products 305, 719
Control/display relationship 745
Control operation 305
Cumulative trauma disorders 283, 551
  carpal tunnel syndrome 283
Cursor positioning 431
Decision making 221
Depth perception 483
Dichoptic viewing 35
Display(s)
  auditory 361, 707
  configural 71
  design 71
  luminance 195
  luminance contrast 673
  object 71, 629
  rotational 483
  stereoscopic 483
  symbolic 195
  visual 71, 195, 673
Driving 521, 535
Efficiency 737
Electronic performance monitoring 385
Emergent features 71
Experimental evaluation 413
Expert systems 243
Extended reach 175
Falls 731
Field study 305
Flashing 195
Flight
  deck 345
  low-level 653
  performance 615
  simulation 653
Force
  exertion 305
  maximum acceptable 175
Generalizability 115
Global/local processing 35

Grip
  force 551
  strength 551
Handles 175, 551
Hard-copy angle 57
Headphone localization 361
  head-up auditory displays 707
Heart rate 175
High altitude 329
Highway signs 25
Human error 345
Human-automation interaction 221
Human-computer interaction 57
Human-machine
  interfaces 361, 707
  systems 221
Hypoxia 329
Impaired users 305
Individual differences 3
Injuries, occupational 731
Instruction 459, 737
Interfaces 243
Interference 99
Intersections 521
Job
  control 385
  demands 385
  design 385
Kinetic depth effect 483
Knowledge acquisition 459
Labeling 719
Learning 329
Lifting 175
Linear model 501
Luminous
  contrast 535
  transmittance 535
Maps, you-are-here 159
Mathematical programming 115
Maximum acceptable weight 175
Memory 329
  search 639
Mental effort 737
Mental workload 263, 413
Meta-analysis 615
Metabolic cost 175
Mortality 731
Motion extrapolation 501
Mountaineering 329
Mouse movement 431
Movement time 431
Multitask performance 221
Muscular disease 305
NASA Task Load Index 579
Navigation 511
Object displays 71, 629
Occupational injuries 283, 731
Optical flow 521
Optimization 115, 283
Paired comparison data 141
Part-task training 639
Perception 329
Performance 737
  dual-task 99
  electronic monitoring 385
  levels 719
  models 397
  multitask 221
Population stereotype 745
Power hand tool 551
Product safety 719
Psychophysics 175, 603, 693
Pulling 175
Pushing 175
Radial motion-anisotropy 501
Ratio scales 141
Redundancy 195
Regression 397
Repetitive motion disorders 283
Representation aiding 673
Response surface analysis 115
Rest break scheduling 283
Retention 329
Rule generation 243
Scaling 579
Scheduling 115
Scripts 719
Signs 159
  symbolic 25
Similarity 99

Simulator scene detail 653
Skill
  acquisition 205, 639
  retention 639
Social support 385
Sound parameters 693
Spatial
  ability 511
  frequency 25
Speech communication 361, 707
Speed-accuracy trade-off 431
Stove controls 745
Strategic behavior 221
Stress 603
  worker 385
Subjective Workload Assessment
  Technique 579
Symbolic signs 25
Symbology 195
Task(s)
  analysis 719
  combination 175
  dual 99, 615
  integral and separable 629
  integration 99
  interference 719
  multiple 615
  part-task training 639
  probability 629
Teleoperations 511
Tenosynovitis 283
Test and evaluation 263
Text
  editing 57
  signs 25
Time-sharing 615
Traffic collision avoidance system 707
Training 205, 459
  part-task 639
Vigilance 3, 603
Visibility 25, 535
Visual
  conditions, degraded 511
  displays 71, 195, 673
  display terminals 57
  perception 521
  processes 511
  search 3, 195, 205
Warning(s) 719
  auditory 693
Wayfinding 159
Weight, maximum acceptable 175
Worker stress 385
Workload 579
  evaluation 263
  mental 263, 413
  subjective 579
Workstation design 57